

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Cancelled).

2. (Currently Amended) The MEMS switch of claim 1, A microelectro mechanical system (MEMS) switch comprising:
a substrate;
a signal line formed on the substrate;
a beam deformed by an electrostatic force to electrically switch with the signal
line; and
a spring type contact unit formed on the signal line to electrically contact the
beam and elastically deformed by an external force wherein the contact unit is
formed as a curved flip spring.

Claim 3 (Cancelled).

4. (Currently Amended) The MEMS switch of claim [[1]] 2, wherein the contact unit [[is]] includes two curved flip springs formed into an arch shape having end units.

5. (Currently Amended) The MEMS switch of claim 1, A microelectro mechanical system (MEMS) switch comprising:

a substrate;

a signal line formed on the substrate;

a beam deformed by an electrostatic force to electrically switch with the signal line; and

a spring type contact unit formed on the signal line to electrically contact the beam and elastically deformed by an external force wherein the contact unit is formed of amorphous silicon.

6. (Currently Amended) The MEMS switch of claim 1, A microelectro mechanical system (MEMS) switch comprising:

a substrate;

a signal line formed on the substrate;

a beam deformed by an electrostatic force to electrically switch with the signal line; and

a spring type contact unit formed on the signal line to electrically contact the beam and elastically deformed by an external force wherein the contact unit is a dome-shape contact unit and a through hole is formed at a top portion of [[the]] a dome-shape contact unit.

Claim 7 (Cancelled)

8. (Currently Amended) The MEMS switch of claim [[1]] 2, wherein the beam is suspended by spacers that support the beam by being formed at both sides of the beam.

9. (Original) The MEMS switch of claim 8, wherein the beam is arranged to be perpendicular to the signal line, and beam driving electrodes are arranged under the beam and at the both sides of the signal line.

10. (Currently Amended) The MEMS switch of claim 8, wherein dielectric layers are formed on [[the]] beam driving electrodes.

11. (Currently Amended) The MEMS switch of claim [[1]] 2, wherein a rear end of the beam is fixed by a spacer formed on the substrate, and a front end of the beam is located above the contact unit of the signal line.

12. (Original) An MEMS switch comprising:
a substrate;
first and second signal lines formed on the substrate while the ends of the signal lines are adjacent;
a beam deformed by electrostatic force to electrically contact the first and second signal lines; and

spring type contact units arranged at both ends of the signal lines to electrically connect to the beam and electrically deformed by an external force.

13. (Original) The MEMS switch of claim 12, wherein the contact units formed at the both ends of the first and second signal lines are formed as curved flip springs.

14. (Original) The MEMS switch of claim 12, wherein the contact units are formed of amorphous silicon.

15. (Original) The MEMS switch of claim 12, wherein the beam is suspended by spacers that support the beam by being formed at both sides of the beam.

16. (Original) The MEMS switch of claim 15, wherein the beam is arranged to be perpendicular to the first and second signal lines, and beam driving electrodes are arranged under the beam and at the both sides of the signal lines.

17. (Currently Amended) The MEMS switch of claim [[15]] 16, wherein dielectric layers are formed on the beam driving electrodes.

18. (Original) The MEMS switch of claim 12, wherein a rear end of the beam is fixed by a spacer formed on the substrate, and a front end of the beam is located above the contact units of the first and second signal lines.

19. (New) The MEMS switch of claim 6, wherein the beam is arranged to be perpendicular to the signal line, and beam driving electrodes are arranged under the beam and at the both sides of the signal line.

20. (New) The MEMS switch of claim 6, wherein dielectric layers are formed on the beam driving electrodes.

21. (New) The MEMS switch of claim 6, wherein a rear end of the beam is fixed by a spacer formed on the substrate, and a front end of the beam is located above the contact unit of the signal line.